

Summary

The present invention relates to active substance-doped water-absorbing polymer particles,
5 comprising:

- Φ1. as active substance a care substance or a wound-treating substance in a quantity in the range from 0.001 to 30 wt. %, based on the active substance-doped water-absorbing polymer particles,
- 10 Φ2. an absorber matrix in a quantity in the range from 70 to 99.999 wt. %, based on the active substance-doped water-absorbing polymer particles,

wherein the absorber matrix comprises, to at least 90 wt. %, based on the absorber matrix, a cross-linked polyacrylic acid,

wherein the cross-linked polyacrylic acid comprises, to at least 90 wt. %, based on the crosslinked polyacrylic acid, an acrylic acid which is partially neutralized to at least 30 mol. %. The invention further relates to a water-absorbing composition, a process for producing a water-absorbing composition, a water-absorbing composition obtainable by this process, a composite comprising this water-absorbing composition, the use of this water-absorbing composition or of a water-absorbing polymer comprised in the water-absorbing composition for release of a wound treatment substance, the use of this water-absorbing composition or of a water-absorbing polymer comprised in the water-absorbing composition for producing a means for treatment of wounds, a process for treatment of wounds with this water-absorbing composition or with a water-absorbing polymer comprised in the water-absorbing composition as well as the use of this water-absorbing composition or of a water-absorbing polymer comprised in the water-absorbing composition in a hygiene article or wound treatment means.